

FILENAME	DESCRIPTION
QP17 2048 HI waves gentle sandy.wav	Ocean waves gently sweep sandy beach with laps. Loop.
QP17 2049 HI waves gentle sandy also rocks.wav	Ocean waves gently sweeps sandy beach with some rocks. Sandy bubbles and occasional rocky thuds. Faint drone of offshore vessel. Loop.
QP17 2050 HI waves gentle sandy rolling with bubbles.wav	Ocean waves gently rolling onto sandy beach with bubbles clearly evident. Loop.
QP17 2051 HI waves gentle sandy gurgling.wav	Ocean waves gently rolling onto sandy beach with bubbles clearly evident and gurgles. Faint birds in background. Birds include Zebra Dove and Common Myna. Loop.
QP17 2052 HI waves gentle sandy birds faint.wav	Ocean waves gently rolling onto sandy beach with bubbles clearly evident. Faint birds in background. Birds include Common Myna. Loop.
QP17 2053 HI waves slow sandy bubbles.wav	Ocean waves slowly roll onto sandy beach with bubbles and occasional thuds. Loop.
QP17 2054 HI waves boulders rolling.wav	Ocean waves slowly roll onto boulder beach in long intervals characteristic of open Pacific Ocean. Meditative. Loop.
QP17 2055 HI waves lava cliff shaking.wav	Ocean waves slowly pound onto lava cliff. Deep earth shaking vibrations. Loop.
QP17 2056 HI waves boulders distant.wav	Ocean waves slowly pound onto boulder beach. Occluded by beach berm but waves remain well defined. Deep vibrations are meditative. Loop.
QP17 2057 HI waves boulders very distant.wav	Ocean waves slowly pound onto boulder beach. Occluded by beach berm. Less defined than previous file. Loop.
QP17 2058 HI waves lava cliff occluded V1.wav	Ocean waves slowly pound onto lava cliff, occluded by cliff edge. Wave spray occasionally reaching over edge. Loop.
QP17 2059 HI waves lava cliff occluded V2.wav	Ocean waves slowly pound onto lava cliff, occluded by cliff edge. Wave spray occasionally reaching over edge. Loop.
QP17 2060 HI waves boulder distant.wav	Distant waves slowly pound boulder beach. Loop.
QP17 2061 HI waves lava cliff very distant mantra V1.wav	Distant waves slowly pound lava cliff. Wave spray and wind through tufts of grass. Mantra-like. Loop.
QP17 2062 HI waves lava cliff very distant mantra V2.wav	Distant waves slowly pound lava cliff. Wave spray and wind through tufts of grass. Mantra-like. Loop.
QP17 2063 HI coastal day birds insects waves simple.wav	Coastal day with constant insect trill, chirping of bird, background of waves. Bird is Japanese White-eye. Brief breeze towards end. Loop.
QP17 2064 HI coastal day birds insects waves busy.wav	Coastal day with constant insect trills, busy birds and background of wind waves. Birds are Japanese White-eye and Zebra Dove. Loop.
QP17 2065 HI coastal day forest birds waves.wav	Coastal day inside of forest with birds and background of waves. Birds are Common Myna, Northern Cardinal, Zebra Dove and House Sparrow. Waves well defined but not dominating. Loop.
QP17 2066 HI coastal day forest birds chattering.wav	Coastal day inside forest with birds chattering. Birds are Common Myna, Northern Cardinal and Zebra Dove. Drone from offshore vessel. Loop.
QP17 2067 HI coastal day birds waves distant V1.wav	Coastal day with birds and distant waves. Birds are Zebra Dove, Spotted Dove,,Japanese White-eye and Common Myna. Waves indistinct roar in background. Loop.
QP17 2068 HI coastal day birds waves distant V2.wav	Coastal day with birds and distant waves. Birds are Zebra Dove, Spotted Dove,,and Common Myna. Some debris from forest trees. Waves indistinct roar in background along with drone of offshore vessel and electrical hum. Modern. Loop.
QP17 2069 HI coastal day birds waves Cardinal Francolin.wav	Coastal day with birds and very distant small waves. Birds are prominent Gray Francolin and Northern Cardinal. In background are Zebra Dove and Spotted Dove. Loop.
QP17 2070 HI coastal palm wind waves distant deep toned.wav	Coastal palm wind with close rustles and distant waves on lava cliff with deep roar. Loop.
QP17 2071 HI coastal palm wind waves distant bright toned.wav	Coastal palm wind with close rustles and distant waves. Faint Common Myna in background. Loop.
QP17 2072 HI coastal palm wind brisk waves distant.wav	Coastal palm rustles in brisk wind and distant waves. Close. Loop.
QP17 2073 HI coastal palm wind brisk intense waves distant.wav	Coastal palms and grasses blow in wind with distant waves. Wind intense at times. Loop.
QP17 2074 HI coastal day forest birds drips waves distant.wav	Coastal forest birds with slight breeze and drips. Birds include Common Myna and Japanese White-eye. Waves are distant light roar. Loop.
QP17 2075 HI coastal day forest rain soft onset waves distant.wav	Coastal forest with slight breeze and onset of soft rain. Insect background with soft roar of waves. Loop.
QP17 2076 HI coastal day forest rain building subsiding.wav	Coastal forest rain builds then subsides. Very faint birds, insects. Waves faint except last few seconds. Partially enclosed by nearby lava tube. Loop.
QP17 2077 HI coastal day forest rain downpour builds subsides.wav	Coastal forest rain downpour builds, subsides, builds and then subsides gradually with numerous drips onto puddles producing plops. Very faint birds and insects. Partially enclosed by lava tube nearby accentuates drips and waves.
QP17 2078 HI coastal day forest rainstorm aftermath.wav	Coastal forest rainstorm aftermath with drips and splatters onto leaves and lava rock. Partially enclosed by nearby lava tube that accentuates drips and waves. Loop.

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QP17 2079 HI coastal day forest birds active doves.wav	Coastal forest birds active and loud. Birds include numerous Zebra Dove and Common Myna, also present are Spotted Dove and Japanese White-eye. Faint hum of winged insects. Loop.
QP17 2080 HI coastal day forest birds Common Myna in tree V1.wav	Hundreds of birds chatter in Banyon tree. Bird is Common Myna. Use early morning or late evening. Loop.
QP17 2081 HI coastal day forest birds Common Myna in tree V2.wav	Hundreds of birds chatter in Banyon tree early. Bird is Common Myna. Use early morning or late evening. Background with slight breeze and Zebra Dove. Loop.
QP17 2082 HI coastal day forest birds modern.wav	Birds chatter in Banyon tree. Birds include Common Myna. Zebra Dove in background. Faint electrical hum and very faint offshore vessel. Modern. Loop.
QP17 2083 HI coastal night insects waves booming V1.wav	Night in coastal area with soft insect trills and distant booming waves. Authoritative yet peaceful. Loop.
QP17 2084 HI coastal night insects waves booming V2.wav	Night in coastal area with soft insect trills and distant booming waves. Loop.
QP17 2085 HI coastal night insects waves booming V3.wav	Night in coastal area with soft insect trills and distant booming waves. Loop.
QP17 2086 HI up-island day birds native.wav	Sparse native up-island bird chorus. Birds include Apapane, Hawaii Amakihi calls, Iiwi call, Red-billed Leiothrix with faint Hwamei. NR applied. Loop.
QP17 2087 HI up-island day birds soft wind slowly variable.wav	Sparse up-island bird chorus with wind slowly variable. Birds include native Apapane with faint Hawaii Amakihi and Japanese White-eye in background. Winged insect hum at times. Delicate space. Loop.
QP17 2088 HI up-island day fern forest birds active wing flutters drips.wav	Active up-island fern forest bird chorus with wing flutters and bird calls prominent. Few drips from clouds in trees. Birds include native and exotic species: Hawaii Amakihi, Apapane, House Finch, Japanese White-eye and Sky Lark. Loop.
QP17 2089 HI up-island day birds active V1.wav	Active up-island bird chorus. Birds include prominent native Apapane and Omao with Japanese White-eye in background. Loop.
QP17 2090 HI up-island day birds active V2.wav	Active up-island bird chorus. Birds include prominent native Apapane and Hawaii Elepaio with exotic Erckel's Francolin. Loop.
QP17 2091 HI up-island day birds insects.wav	Active up-island bird chorus. Birds include prominent Hwamei with Spotted Dove and Japanese White-eye in background. Insects present. Loop.
QP17 2092 HI up-island day birds busy V1.wav	Active up-island bird chorus is busy. Birds include prominent native Apapane and Omao with Hawaii Amakihi in background. Also clucking of Kalij Pheasant. Indistinct but all pervasive humming of native fruit fly wings. Loop.
QP17 2093 HI up-island day birds busy V2.wav	Active up-island bird chorus is busy. Birds include prominent calls of native Hawaii Elepaio, Hawaii Amakihi and Apapane. Exotics include Japanese White-eye and cackle of Erckel's Francolin during last half. Loop.
QP17 2094 HI up-island day forest birds native exotics modern.wav	Active up-island bird chorus is strange occurrence of wing flutters and calls from prominent exotic Northern Cardinal and native Apapane, Hawaii Amakihi, and Hawaii Elepaio. Busy. Distinctly modern transitional soundscape. Loop.
QP17 2095 HI up-island day forest birds active modern.wav	Up-island bird chorus is dominated by exotic Northern Cardinal and Hwamei with faint Japanese White-eye in background. Very active. Loop.
QP17 2096 HI up-island day forest birds active confusing modern V1.wav	Active up-island bird chorus is confused with combination of competing natives and exotics. Dominated by crazy clucking of exotic Kalij Pheasant and barrage of Japanese White-eye and Northern Cardinal calls and Hwamei while native Omao tries to compete. Loop.
QP17 2097 HI up-island day forest birds active confusing modern V2.wav	Active up-island bird chorus sounds confusing with combination of natives and exotics. Natives include Apapane and prominent Hawaii Elepaio while exotics include Wild Turkey, prominent Northern Cardinal and Japanese White-eye. Loop.
QP17 2098 HI up-island day forest bird chorus Apapane.wav	Active up-island bird chorus composed entirely of native Apapane. Loop.
QP17 2099 HI up-island day forest birds active insect hum.wav	Active up-island bird chorus with winged insect hum. Birds include native Apapane and prominent Hwamei with Japanese White-eye. Insects are native fruit flies. Loop.
QP17 2100 HI up-island day forest birds muffled insects active.wav	Up-island birds are muffled by crickets and winged insects in flight. Muffled bird is Common Myna. Suspenseful. Loop.
QP17 2101 HI up-island day forest birds insect trills peaceful.wav	Up-island birds with insect trills. Bird is Apapane. Winged insects sometimes close. Loop.
QP17 2102 HI up-island day forest bird insect trills pulsing.wav	Up-island bird with pulsing insect trills and slight breeze. Bird is exotic Japanese White-eye. Winged insects hovering. Loop.
QP17 2103 HI up-island day forest birds wind light insects winged.wav	Up-island native birds with light variable wind roar. Winged insects, sometimes close. Also trilling insects in distant background. Occasional drips. Birds are native Apapane and Omao. Loop.
QP17 2104 HI up-island day forest birds wind Omao.wav	Up-island native birds with light variable wind roar. Winged insects, sometimes close. Also trilling insects in distant background. Omao is prominent bird with Apapane background. Loop.
QP17 2105 HI up-island day forest birds wind Apapane V1.wav	Active up-island birds with light variable wind roar. Birds are active and prominent native Apapane with Omao background. Also present is exotic Northern Cardinal. Loop.

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QP17 2106 HI up-island day forest birds wind Apapane V2.wav	Active up-island birds with light variable wind roar. Birds are active and prominent native Apapane with Omao background. Loop.
QP17 2107 HI up-island day forest birds winds variable V1.wav	Active up-island birds with moderately strong variable wind roar. Birds are Apapane, Omao with exotic Japanese White-eye and House Finch. Insects and drips sparse. Loop.
QP17 2108 HI up-island day forest birds winds variable V2.wav	Active up-island birds with moderately strong variable wind roar. Birds are Apapane, Omao with exotic Japanese White-eye and Northern Cardinal. Background birds are exotic Red-billed Leiothrix and Hwamei. Drips blown onto leaves at times. Loop.
QP17 2109 HI up-island day forest birds winds variable V3.wav	Active up-island birds with moderately strong variable wind roar. Birds are Apapane, Japanese White-eye, Northern Cardinal, House Finch, Red-billed Leiothrix and Hwamei. Windblown drips onto leaves conspicuous. Loop.
QP17 2110 HI up-island day forest birds active winds mod strong.wav	Active up-island birds with moderately strong forest winds, surging at times. Birds are predominately exotic Japanese White-eye with some native Apapane in background. Loop.
QP17 2111 HI up-island day forest birds wind gusts drips.wav	Up-island birds sparse with strong gusting winds and rain drops and drips. Birds include native Apapane and exotic Hwamei. Exotic Japanese White-eye faint in background. Loop.
QP17 2112 HI up-island day forest birds flies wind roar V1.wav	Up-island birds with active flies close. Background wind roar. Birds include Apapane, Kauai Amakihi and crowing calls of Red Junglefowl. Loop.
QP17 2113 HI up-island day forest birds flies wind roar V2.wav	Up-island birds with active flies close. Background wind roar. Birds include Apapane, Kauai Amakihi and crowing calls of Red Junglefowl. Loop.
QP17 2114 HI up-island day forest birds insects drips.wav	Up-island birds subdued with insect trills and insect hum. Drips throughout. Background with light wind roar building over time to strong gust. Birds include Apapane, Red Junglefowl, Northern Cardinal, Kauai Amakihi and Common Myna.
QP17 2115 HI up-island forest rain light insect trills wind diminishing.wav	Up-island forest with light rain, drips, and passing breezes. Insects many layered and spacious with variable pulsing trills. Loop.
QP17 2116 HI up-island day forest birds insects drips wind light.wav	Up-island forest birds with insects. Breeze variable and diminishing. Drips. Birds include Kauai Amakihi, Apapane, Hwamei (loud in second half) with background of Red Junglefowl and Japanese White-eye. Loop.
QP17 2117 HI up-island day forest birds sparse rain.wav	Sparse up-island forest birds with light rain. Birds include exotic Hwamei and Japanese White-eye. Wind soft. Loop.
QP17 2118 HI up-island day forest birds rain trickling.wav	Sparse up-island forest birds with trickling rain. Birds include Apapane, Hawaii Amakihi, and exotic Hwamei. Wind very soft and variable. Loop.
QP17 2119 HI up-island day forest birds rain pattering wind subsiding.wav	Sparse up-island forest birds with loud patter of rain on leaves. Birds include Apapane with Hawaii Amakihi, Hawaii Creeper and Hawaii Elepaio in background. Wind roar increasing then subsiding over time. Loop.
QP17 2120 HI up-island day forest birds rain trickling wind light.wav	Sparse up-island forest birds with rain trickling and wind consistent light roar. Birds include Apapane, Hawaii Amakihi, House Finch, and background of Pacific Golden-Plover and Iiwi. Loop.
QP17 2121 HI up-island day forest birds sparse drips soft insects.wav	Sparse up-island forest birds with soft drips and variable breeze subsiding. Birds include natives Apapane and Omao. Beautiful spatial depth. Loop.
QP17 2122 HI up-island day forest birds active rain.wav	Active up-island forest birds with rain drops and drips. Birds include native Apapane and Omao. Drops and drips diverse. Fast paced. Loop.
QP17 2123 HI up-island day forest birds active rain insects.wav	Active up-island forest birds with gentle rain drops and larger drips. Birds include native Apapane and Omao prominently with exotic Japanese White-eye in background. Slower paced than previous file. Loop.
QP17 2124 HI up-island day forest birds rain trickles.wav	Active up-island forest birds with rain drops, drips and trickles. Native birds include only native Apapane and Hawaii Amakihi. Loop.
QP17 2125 HI up-island day forest birds rain pattering insects.wav	Up-island forest birds with numerous loud rain drops and larger drips on leaves. Birds include native Apapane. Background insect trills pulsing. Loop.
QP17 2126 HI up-island night forest rain aftermath drips.wav	Up-island forest drips in aftermath of rain. Brief breeze loosens drips. Very faint background of insect trills, pulsing. Drone is wind caused. Loop.
QP17 2127 HI up-island night forest rain aftermath drips insects.wav	Up-island forest drips in aftermath of rain. Background of pulsing insect trills. Loop.
QP17 2128 HI up-island night forest drips sparse insects wind light.wav	Up-island forest drips sparse yet obvious in foreground. Background with pulsing insect trills and soft breaths of wind. Alluring. Loop.
QP17 2129 HI up-island night forest insects wind soft V1.wav	Up-island forest insect trills pulsing with soft breaths of wind. Debris fall from forest canopy. NR applied. Loop.
QP17 2130 HI up-island night forest insects wind soft V2.wav	Up-island forest insect trills pulsing with soft breaths of wind. Debris fall from forest canopy. NR applied. Loop.
QP17 2131 HI up-island night forest insects intense.wav	Up-island forest insect trills consistently intense. Loop.
QP17 2132 HI up-island night forest insects intense high pitched.wav	Up-island forest insect trills consistently intense. Higher pitched than previous file. Loop.

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QP17 2133 HI up-island night forest insects diverse.wav	Up-island forest at night with pulsing insect trills in many layers and directions. Variable. Loop.
QP17 2134 HI lava tube drips.wav	Inside lava tube with drips. Background with occasional bird calls from native Apapane. Loop.
QP17 2135 HI stream mod distant insect trills.wav	Moderately distant stream flowing rapidly with active insect trills. Loop.
QP17 2136 HI stream babbling rushing.wav	Babbling stream foreground with droning rushing river distant. Branch falls near end. Loop.
QP17 2137 HI stream trickling gurgling birds.wav	Gurgling trickling stream foreground with rushing river very distant. Sparse birds include exotic Northern Cardinal and Japanese White-eye. Loop.
QP17 2138 HI stream gurgling close.wav	Gurgling stream close foreground with rushing river undetectable except for droning caused by tumbling water. Interesting micro-changes in water flow over time. Loop.
QP17 2139 HI river.wav	River moderately close with rushing rapids distant. Drone caused by tumbling water. Loop.
QP17 2140 HI frogs Coqui slow spacious exotic.wav	Exotic Coqui frogs produce Co-qui sound. Insect trills far background. Use for wet forest ravines along coastal areas at night. Loop.
QP17 2141 HI frogs Coqui fast spacious exotic.wav	Exotic Coqui frogs produce Co-qui sound. Insect trills far background. Use for wet forest ravines along coastal areas at night. Faster paced than previous file. Loop.
QP17 2142 HI bird Red-billed Leiothrix exotic.wav	Single song part of bird, Red-billed Leiothrix, exotic
QP17 2143 HI bird Hwamei exotic V1.wav	Single song part of bird, Hwamei, exotic to Hawaii from China. NR applied.
QP17 2144 HI bird Hwamei exotic V2.wav	Single song part of bird, Hwamei, exotic to Hawaii from China. NR applied.
QP17 2145 HI bird Hwamei exotic V3.wav	Single song part of bird, Hwamei, exotic to Hawaii from China. Hawaii Amakihi calls in background. NR applied.
QP17 2146 HI bird Zebra Dove exotic V1.wav	Bird call, Zebra Dove, exotic from SE Asia. Use in coastal areas.
QP17 2147 HI bird Zebra Dove exotic V2.wav	Bird call, Zebra Dove, exotic from SE Asia. Use in coastal areas. NR applied.
QP17 2148 HI bird Gray Francolin exotic V1.wav	Bird call, Gray Francolin. Use in coastal areas. NR applied.
QP17 2149 HI bird Gray Francolin exotic V2.wav	Bird call, Gray Francolin. Use in coastal areas. NR applied.
QP17 2150 HI bird Gray Francolin exotic V3.wav	Coastal birds including prominent Gray Francolin with other species in far background. Loop.
QP17 2151 HI bird Gray Francolin exotic V4.wav	Coastal birds including prominent Gray Francolin with other species in far background. Loop.
QP17 2152 HI bird Alala native V1.wav	Four caws of Alala or Hawaiian Crow. Extinct in the wild.
QP17 2153 HI bird Alala native V2.wav	Series of 1-2-3-4 caws of Alala or Hawaiian Crow, native. Extinct in the wild.
QP17 2154 HI bird Alala native V3.wav	Alala or Hawaiian Crow, extinct in the wild, makes series of long expressive vocalizations. Exotic Japanese White-eye in far background. Loop.
QP17 2155 HI bird Nene native.wav	Series of honks of Nene or Hawaiian Goose, close. Loop.
QP17 2156 HI bird Erckel's Francolin exotic.wav	Call of bird, Erckel's Francolin, exotic from N Africa.
QP17 2157 HI bird chirp.wav	Brief bird chirp.
QP17 2158 HI bird House Finch exotic.wav	Bird chirps from exotic House Finch.
QP17 2159 HI bird call series.wav	Bird call series, unidentified species.
QP17 2160 HI bird Hawaii Amakihi native.wav	Bird call of Hawaii Amakihi, native confined to up-island areas.
QP17 2161 HI bird liwi native V1.wav	Bird call of liwi, native confined to up-island areas.
QP17 2162 HI bird liwi native V2.wav	Bird call of liwi, native confined to up-island areas.
QP17 2163 HI bird liwi native V3.wav	Bird call of liwi, native confined to up-island areas.
QP17 2164 HI bird liwi native V4.wav	Bird call of liwi, native confined to up-island areas.
QP17 2165 HI bird liwi native V5.wav	Bird call of liwi, native confined to up-island areas.

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QP17 2166 HI bird liwi native V6.wav	Bird call of liwi, native confined to up-island areas.
QP17 2167 HI bird liwi native V7.wav	Bird call of liwi, native confined to up-island areas.
QP17 2168 HI bird liwi native V8.wav	Bird call of liwi, native confined to up-island areas.
QP17 2169 HI bird liwi native V9.wav	Bird call of liwi with wing flutters, native confined to up-island areas.
QP17 2170 HI bird liwi native V10.wav	Bird call of liwi with wing flutters, native confined to up-island areas.
QP17 2171 HI bird Omao native V1.wav	Bird call of Omao, confined to up-island areas, endemic to Big Island.
QP17 2172 HI bird Omao native V2.wav	Bird call of Omao, confined to up-island areas, endemic to Big Island.
QP17 2173 HI bird Omao native V3.wav	Bird call of Omao, confined to up-island areas, endemic to Big Island. NR applied.
QP17 2174 HI birds Omao Apapane native.wav	Two simultaneous calls of birds, Omao and Apapane.
QP17 2175 HI bird Apapane native V1.wav	Bird call of Apapane, native.
QP17 2176 HI bird Apapane native V2.wav	Bird call of Apapane, native.
QP17 2177 HI bird Apapane native V3.wav	Bird call of Apapane, native.
QP17 2178 HI bird Apapane native V4.wav	Bird call of Apapane, native. NR applied.
QP17 2179 HI bird Northern Cardinal exotic V1.wav	Bird call of Northern Cardinal, exotic from N America.
QP17 2180 HI bird Northern Cardinal exotic V2.wav	Bird call of Northern Cardinal, exotic from N America.
QP17 2181 HI bird Northern Cardinal exotic V3.wav	Early morning bird song series of Northern Cardinal, exotic from N America. Apapane and Omao present in background, therefore use on Big Island only. Slight soft breeze and distant insect trills. Forest. NR Applied. Loop.
QP17 2182 HI birds in tree exotic.wav	Coastal morning with chaotic birds in tree including prominent Common Myna with Zebra Dove in background. Drone from offshore vessel. Loop.
QP17 2183 HI underwater marine invertebrates.wav	Hydrophone used to record near coral reef with snapping and gurgling of marine invertebrates.
QP17 2184 HI underwater marine mammal dolphin.wav	Dolphins target microphone that distorts with odd signals. Humpback whales in background.
QP17 2185 HI marine mammal whale blow.wav	Fast blow of humpback whale.
QP17 2186 HI underwater marine mammal Humpback Whale V1.wav	Underwater recording of Humpback Whales. Loop.
QP17 2187 HI underwater marine mammal Humpback Whale V2.wav	Underwater recording of Humpback Whales. NR applied. Loop.
QP17 2188 HI underwater marine mammal Humpback Whale V3.wav	Underwater recording of Humpback Whales. Bright and clear. NR applied. Loop.
QP17 2189 HI underwater marine mammal Humpback Whale V4.wav	Underwater recording of Humpback Whales. Subdued and somewhat muffled. NR applied. Loop.
QP17 2190 HI underwater marine mammal Humpback Whale V5.wav	Underwater recording of Humpback Whales. NR applied. Loop.
QP17 2191 HI underwater marine mammal Humpback Whale V6.wav	Underwater recording of Humpback Whales. Crackling sound are snapping shrimp.
QP17 2192 HI underwater marine mammal Humpback Whale V7.wav	Underwater recording of Humpback Whales. Crackling sound are snapping shrimp.